

Mustang

Technical Information Pack

Hospitality

Hotel

Leisure

Marine

Residential

Workspace

YARWOOD

Leather

Mustang Leather Technical Information Pack

We look forward to working with you as your leather supplier, here are the main advantages of working with us:

Accredited to ISO9001, Yarwood provides a wide range of leather and faux leather ranges which are suitable for the contract and hospitality, marine, residential and workplace sectors. Yarwood also offer specialist aviation and automotive leathers and faux leathers.

As well as supplying leather and faux leathers, we offer a cutting service which allows you to save time and money by having your order delivered as cut parts.

Additionally, we also offer a sewing service, once again allowing you to save money by having your leather or faux leather cut and sewn ready for assembly.

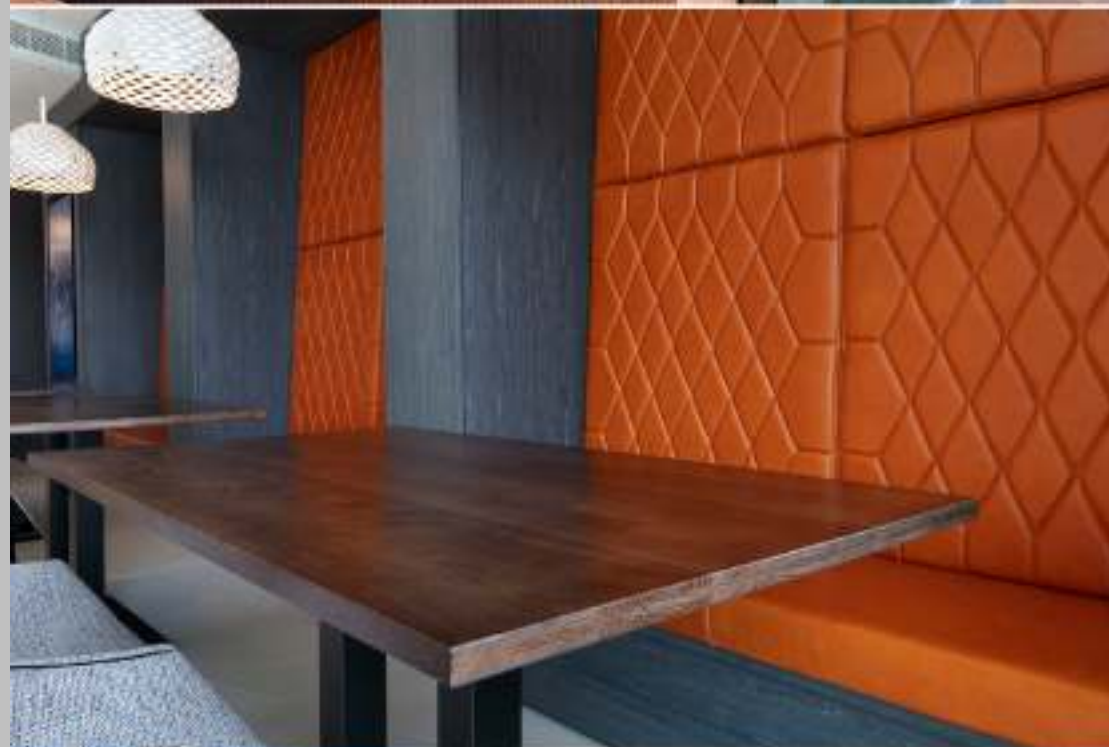
Please see enclosed the colour palette, technical information and fire certification for the Mustang range.

All our leathers have a minimum order quantity of one hide.

If you require any samples of our ranges, further information or to place an order, please contact the Sales Office:

+44 (0) 113 252 1014
sales@yarwoodleather.com

YARWOOD
Leather



Range Information - Mustang

A cracked, matte leather with a warm colour palette, a firm favourite for upholstery

Mustang is a type of leather known as a pull-up leather. Pull ups are characterised by their soft wax finishes which have a degree of mobility so that when tensioned, the contrasting base colour “pulls up”. This effect creates unique seating, full of character.

The natural variance in colour and texture common with pull-ups is reduced with the use of natural pigments to homogenize the finish as much as possible without compromising the character of Mustang.

Key Facts

- Pull-Up Leather
- Cracked Effect
- Embraces natural characteristics
- Av. Hide Size - 5m²

Fire Regulations

- Meets Cigarette & Match as standard
- Meets Crib 5 as standard
- Meets IMO Part 8 as standard

Please remember that leather is a natural product and there may be natural variation between samples and final batch.
All samples should be treated as a guide for colour and texture only.

Mustang Technical Information

Application Usage

Hospitality | Hotel | Leisure | Marine | Residential | Workspace

Certification on following pages

Test Results

Material Characteristics

Thickness	0.9 - 1.0mm ± 0.1mm
Mass	800g/m2 ± 5%
Average Hide Size	5m ²

Wear Tests

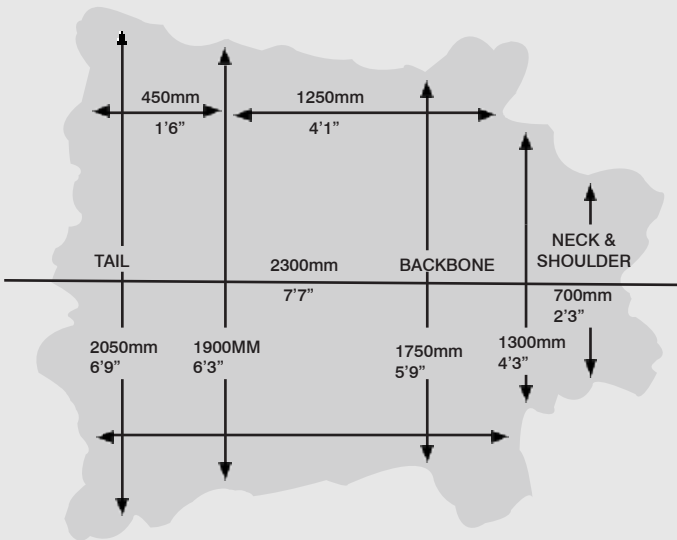
Test	Method	Result
Fastness to Light	BS EN ISO 105-B02:1999	Blue Wool 3 (min)
Fastness to Rubbing	BS EN ISO 11640:1998	20 Wet/50 Dry
Tear Strength	BS EN ISO 3377-1:2002	20N

Flammability Tests

	Test	Result
Domestic FR (Cigarette + Match)	BS 5852: Part 1: 1979	Pass
Contract FR (Crib 5)	BS 5852:2006 - Ig source 5	Pass
Marine FR (Indoor Marine Seating)	IMO 2010 FTP Code Annex 1 Part 8	Pass

Typical Mustang Hide Size

The illustration shown below is a guide to the shape and size of a typical hide. Every hide is different and can vary in size. When ordering leather, please be sure to allow for natural wastage that will occur due to the shape of the hide, a minimum of 30% should be used, contact your sales representative for further guidance.



Mustang Range

Mustang’s colour range is complimentary to its origins; a natural set of earthy tones reminiscent of the landscape where Mustangs roamed, with tans, terracottas and dark browns complimented by modern whites and greys.

Vibrant tones offer a different take on the classic leather look.

A bespoke colour service is available on the Mustang range, subject to minimum order quantities.

Please remember that leather is a natural product and there may be natural variation between samples and final batch.
All samples should be treated as a guide for colour and texture only.

Orchid



0564LAFG001

Wine



0565LAFG001

Claret



0574LAFG001

Oxblood



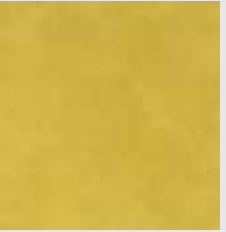
0578LAFG001

Ash



0575LAFG001

Mustard



0562LAFG001

Pumpkin



0588LAFG001

Tan



0566LAFG001

Rust



0570LAFG001

Chestnut



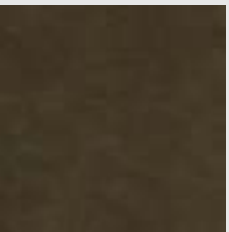
0572LAFG001

Dark Brown



0577LAFG001

Moss



0571LAFG001

Olive



0584LAFG001

Bottle



0576LAFG001

Emerald



0583LAFG001

Reef



0590LAFG001

Lagoon



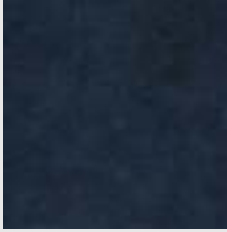
0563LAFG001

Harbour



0589LAFG001

Ocean



0581LAFG001

Dove Grey



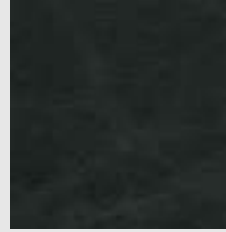
0582LAFG001

Graphite



0560LAFG001

Black



0569LAFG001

Using Mustang

With any product, it is important to ensure the right material is being used for your application.

The pull up effect of Mustang creates seating full of character.

Fire Regulations

- Meets Cigarette & Match as standard
- Meets Crib 5 as standard
- Meets IMO Part 8 as standard

See the following page for a comprehensive care and cleaning guide.

Using Mustang in Hospitality or Contract Design

A popular choice for seating throughout bar and restaurant designs. The combination of vivid and traditional tones means Mustang is chosen for seating in country pubs, chain restaurants and boutique hotels.

As with all Yarwood ranges, Mustang comes Crib 5 as standard, for Crib 5 certification please see the end of this technical information pack.



Using Mustang in Marine Design

On board bars and restaurants can embrace the Mustang look. The natural tones and texture of Mustang helps to bring the outdoors in, making guests feel more relaxed and at home.

For IMO certification please see the end of this technical information pack.



Using Mustang in Residential Design

A well-loved range for furniture retailers, Mustang creates seating for the home that will age gracefully. Home studies, bedrooms and even kitchen banquette seating has also featured Mustang, the character and individuality of the range helps to create a comfortable yet unique feel for the home.

For Cigarette + Match Fire certification please see the end of this technical information pack.



Using Mustang in Workplace Design

Creative hubs, welcoming reception spaces or boardroom areas, Mustang brings charm to the workplace. More traditionally a residential look, the natural tonality of Mustang brings a relaxed feel to these spaces.

For Crib 5 certification please see the end of this technical information pack.



Mustang Care and Cleaning Guide

Pull-up leather is so named because as you apply tension to the leather, the contrasting base colour pulls through the soft waxy (or oily) top coat giving a distressed look.

These types of leather have a “crackle” type effect that will wear in over time and age gracefully.

Looking after your wax

The wax finish in a pull-up will change over time, this can be for several reasons, the principal one being from marks and indentations.

The wax on the surface is a soft wax, which allows it to move as tensioned and create the pull-up effect. This softness also means that when you apply surface pressure, an indentation may be made.

When you apply pressure and make an indentation in the wax it can be removed simply by rubbing the area with your hand.

The friction generated from the rubbing gently warms the wax and allows you to “push” the wax back into the indented area.

Using a damp cloth will generally have a more abrasive effect and can solubilize the wax leading to its complete removal so is best AVOIDED.

General Care of Mustang

The biggest enemy to a piece of upholstery is the build-up of material on the surface of the leather. If material is allowed to build up, when you move against the surface of the leather instead of only rubbing material against the surface, the leather grabs any free material and rubs said material under force and pressure against the surface of the leather.

This can cause severe abrasion of the surface. We recommend vacuuming the leather, as this removes the dirt particles and prevents them abrading against the surface of the leather.

Dusting with a cloth is also a suitable process.

Wet Stains

All stains should be removed immediately.

The simple answer is to simply remove any excess liquid or puddles with a damp lint free cloth.

It is very important with a pull-up to remove any excess as quickly as possible from the surface. Pull-ups have a porous surface, so if stains are not cleaned quickly the stain can penetrate into the fibre structure of the leather where it will become much harder to remove.

DO NOT use household cleaning products, anything with a solvent base will solubilize the finishes we use to manufacture the leather and will damage the leather.

For any residual stains, use leather cleaning wipes to gently remove the stain from the leather. Most stains should be removable if treated quickly and carefully.

Dry or longer term stains

If the area is dry to the touch, apply leather cleaning wipes by rubbing in a gentle circular motion.

DO NOT use nail varnish remover, acetone, bleach, household detergent, hair spray or other cleaning products other than a damp cloth.

Most household cleaners contain solvents to solubilize the contaminant as such that they can be removed with a damp cloth. The solvent will remove the stain but will also start to dissolve the leather finish.

If in doubt, please get in touch for guidance.



Natural Characteristics of Leather

No two animal hides or skins are identical, just as no two people’s skins are the same, with everyone having different cuts, scars and hair follicle sizes.

These are all natural characteristics of the animals that occur throughout their normal life.

Here are a few examples of natural marks that can be found throughout leather hides.

Instead of taking steps to remove these “imperfections”, we ask you to embrace leather for what it is, a natural and beautiful material.

Don’t see an imperfection, see character and how the authentic piece of furniture will add to your project.

Neck Grain

The majority of animals used to make leather will naturally graze on grass. This involves bending and stretching their necks daily in order to feed.

This constant moving creates creases and growth marks on the back of the neck.

As the age of the animal increases, the number and size of the neck grain will also increase.

On finished leather these grains will appear as textured lines.



Stretch Marks

In the same way in which humans develop stretch marks whilst growing, animals used for leather also have these identifiable marks.

Although this is arguably more common in the female hides and skins, with the obvious factor of childbirth and also the differing amounts of fats present in the skin.



Skin Disease

Psoriasis and eczema are as common in animals as they are in humans. Areas of the skin may be non-uniform where these conditions have been present.

Insect bites and parasite damage may leave varying marks and scars on the skin.



Veins

Just as you see the veins in your own skin, vein lines can appear on finished leather.

This occurs when bacteria is attracted to any remaining nutrient rich blood, in the original pathways of the blood vessels before leather manufacturing begins.

Skin is worn away and degraded into the pattern of the original pathways.



Scars

Animals may come into contact with various objects during their lifetime that can cut the skin, including barbed wire or other animal’s horns, which may result in the scarring of the skin.

Human intervention such as branding, which is done for ownership purposes, and any medical surgery could also leave a permanent scar.

Once these scars are healed, the tissue is slightly raised, however, it keeps intact its structural integrity.



Shade Differentiation

Each individual person has a different skin tone to those next to them, this is also the case in animal hides.

Factors such as age, weight and size can affect the penetration of the dyestuffs. However, strict controls are applied to the chemical conditions to try ensure an even take up.

In a full grain hide you may find that there are different tonal hues, this is quite normal and is down to the dyeing process emphasising the natural transparency of the hide.

It is important to treat samples as a guide for colour and texture.



FLAMMABILITY TEST CERTIFICATE - 84477

COMPANY DETAILS: YARWOOD LEATHER
UNIT 13, TREEFIELD INDUSTRIAL ESTATE
GELDERD ROAD, LEEDS, WEST YORKSHIRE
LS27 7JU

CONTACT NAME(S): JOHN EDWARD
TEL: 01282 696969
EMAIL: john.edward@yarwoodleather.com

DATE RECEIVED: 21/09/2020
DATE TESTED: 30/09/2020
DATE ISSUED: 30/09/2020
PO NUMBER: PO2045

SAMPLE DESCRIPTION: MUSTANG
COLOUR: NOT STATED
QUALITY/BATCH REF: NOT STATED
MODEL REF: NOT STATED
COMPOSITION: LEATHER
SAMPLE END USE: NOT STATED
MANUFACTURER: NOT STATED
SUPPLIER/BUYER: NOT STATED

TEST METHOD(S):

BS 5852:2006 Clause 11 – Method of test for the ignitibility of upholstered composites ignition source 5.

PRE-TREATMENT:

The sample received has not been subjected to any pre-treatment prior to testing.

CONDITIONING:

The sample was conditioned for 72 hrs in ambient conditions for at least 24 hrs in a specified atmosphere at $23 \pm 2^{\circ}\text{C}$ and $50 \pm 5\% \text{ r h}$.

Authorised By:



Zeb Alam
Operations Director

Mark Jones
Quality Manager

Karen Brooks
Managing Director

FLAMMABILITY TEST CERTIFICATE – 84477

TEST RESULTS:

“The Following test results relate only to the ignitibility of the combination of the materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.”

TEST RESULTS:

TEST CRITERIA – BS 5852:2006 Source 5	INITIAL TEST	REPEAT TEST
Flaming Ceased:	04.10	04.16
PROGRESSIVE SMOULDERING CRITERIA (4.1)		
FILLING MATERIAL USED:	CMHR 35	CMHR 35
b) Detectable amounts of smoke, heat or glowing 60 mins after crib ignition?	NO	NO
c) Displays unsafe escalating combustion, requires to be forcibly extinguished?	NO	NO
d) Smouldering consumed the test specimen within the duration of the test?	NO	NO
e) Smoulder to the extremities i.e. upper or lower margins, either side or to its full thickness?	NO	NO
f) On final inspection, any evidence of charring more than 100 mm in any direction (apart from upwards) from the original nearest position?	NO	NO
FLAMING CRITERIA (4.2)		
b) Flaming continued for more than 10 minutes after the ignition of the crib?	NO	NO
c) Displays unsafe escalating combustion, requires to be forcibly extinguished?	NO	NO
d) Flaming and/or smouldering consumed the test specimen within the duration of the test?	NO	NO
e) Flame front reaches the lower margin, either side or passes through the full thickness?	NO	NO
TEST RESULTS	PASS	PASS

CONCLUSION:

The sample supplied **meets** the test criteria of BS 5852:2006 Clause 11

END OF REPORT

Test Certificate 84478 - 1

Report Details

Report Number	84478 - 1	Date Tested	28-Sep-20	Date Issued	28-Sep-20
Service Requested	BS 5852 Part 1: 1979 - Schedule 4 Part 1 & Schedule 5 Part 1				

Customer Details

Company Name	YARWOOD LEATHER LTD				
Customer Contact	John Edward	Company Address	TREEFIELDS INDUSTRIAL ESTATE		
Customer Ref/PO	PO2045		GELDERD ROAD		
			LS27 7JU		

Customer Details - As Supplied by the Customer

Sample Description	MUSTANG
Fibre Composition	LEATHER

Quality/Batch Ref

Colour

Sample End Use

Model Ref

Manufacturer

Supplier / Buyer

Specification:

Schedule 4 Part 1 (The Cigarette test) and Schedule 5 Part 1 (The Match test) of The Furniture Furnishings (Fire) (Safety) Regulations 1988 (as amended). S.I. 1324.

Test Methods:

BS 5852 Part 1: 1979 – Methods of test for the ignitability by smokers' materials of upholstered composites for seating.

Conditioning:

The sample was conditioned for 72 hrs in ambient conditions then for at least 24 hrs in a specified atmosphere at $20 \pm 5^{\circ}\text{C}$ and $50 \pm 20\%$ relative humidity.

Pre-Treatment:

The sample received has not been subjected to any pretreatment prior to testing.

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_{k=2}$ (approximately 95% confidence interval). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

T: 0161 5050 650 E: technical@ifs-labs.com A: Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN
Copyright IFS Laboratories Limited

Test Certificate 84478 - 1

Test Results

The Following test results relate only to the ignitibility of the combination of the materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Test Type	Schedule 4 Part 1	Initial Test	Repeat Test
Filling Material Used:		VP45 20-22Kg/m ³	VP45 20-22Kg/m ³
Smouldering Duration [mm:ss]:		FTS	FTS
Progressive smouldering and/or flaming observed within one hour of the placement of the cigarette:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of melting:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of charring:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Evidence of dripping:		<input type="checkbox"/>	<input type="checkbox"/>
Cover Split		<input type="checkbox"/>	<input type="checkbox"/>
Forcibly Extinguished		<input type="checkbox"/>	<input type="checkbox"/>
Test Result		PASS	PASS

Test Type	Schedule 5 Part 1	Initial Test	Repeat Test
Filling Material Used:		VP45 20-22Kg/m ³	VP45 20-22Kg/m ³
Smouldering / Flaming / Glowing Duration [mm:ss]:		0:00	0:01
Progressive smouldering observed within one hour after the removal of the flame:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of melting:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of charring:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Evidence of dripping:		<input type="checkbox"/>	<input type="checkbox"/>
Flaming continued for more then 120 seconds after the removal of the burner:		<input type="checkbox"/>	<input type="checkbox"/>
Forcibly Extinguished		<input type="checkbox"/>	<input type="checkbox"/>
Test Result		PASS	PASS

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty Uk=2 (approximately 95% confidence interval). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

T: 0161 5050 650 E: technical@ifs-labs.com A: Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN
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Overall Result: PASS

The sample supplied meets the UK Furniture and Furnishing (Fire)(Safety) Regulations 1988 (amended 1989, 1993, 2010) S.I.1324

Authorised Signature:



Zeb Alam

Operations Director

END OF REPORT

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_k=2$ (approximately 95% confidence interval). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

T: 0161 5050 650 E: technical@ifs-labs.com A: Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN
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FLAMMABILITY TEST CERTIFICATE – 84479

COMPANY DETAILS: YARWOOD LEATHER
UNIT 13, TREEFIELD INDUSTRIAL ESTATE
GELDERD ROAD, LEEDS, WEST YORKSHIRE
LS27 7JU

CONTACT NAME(S): JOHN EDWARD
TEL: 01282 696969
EMAIL: john.edward@yarwoodleather.com

DATE RECEIVED: 21/09/2020
DATE TESTED: 28/09/2020
DATE ISSUED: 28/09/2020
PO NUMBER: PO2045

SAMPLE DESCRIPTION: MUSTANG
COLOUR: NOT STATED
QUALITY/BATCH REF: NOT STATED
COMPOSITION: LEATHER
WEAVE TYPE: NOT STATED
YARN COUNT: NOT STATED
THREADS PER INCH: WARP: NOT STATED WEFT: NOT STATED
FR TREATMENT: FABRIC: NOT STATED
MANUFACTURER: FABRIC: NOT STATED
SUPPLIER: FABRIC: NOT STATED
SAMPLE END USE: NOT STATED
FILLING DENSITY Kg/m³: 20-22Kg/m³

SPECIFICATION/REQUIREMENT:

IMO FTP Part 8 – Fire test procedures for the ignitability by smokers' materials of upholstered composites for seating.

LAUNDERING PROCEDURE:

The sample received has not been subjected to any pre-treatment prior to testing.

CONDITIONING:

The sample was conditioned for 72 hrs in ambient conditions then for at least 24 hrs in a specified atmosphere at $23 \pm 2^{\circ}\text{C}$ and $50 \pm 5\% \text{ r h}$.

Authorised By:



Zeb Alam
Operations Director

Mark Jones
Quality Manager

Karen Brooks
Managing Director

FLAMMABILITY TEST CERTIFICATE – 84479

CIGARETTE SPECIFICATION:

Diameter: 8mm Ø

Length: 70mm

Mass: 1.0g

Smouldering Rate: 12 min/50mm

TEST RESULTS:

“The Following test results relate only to the behaviour of the test specimens of a product under particular conditions of test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use”

TEST CRITERIA – (CIGARETTE TEST)	INITIAL TEST	REPEAT TEST
FILLING MATERIAL USED:	VP45	VP45
Smouldering Ceased	FTS	FTS
PROGRESSIVE SMOULDERING CRITERIA (9.2)		
Progressive smouldering and/or flaming observed within one hour of the placement of the cigarette?	NO	NO
Evidence of melting, charring, dripping?	Melting: <input checked="" type="checkbox"/> Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/>	
FLAMING CRITERIA (9.3)		
Cover Split?	NO	NO
Extent of Damage from source of ignition (mm)	3 X 2	3 X 3
TEST RESULT	PASS	PASS

TEST CRITERIA – SCHEDULE 5 PART 1 (MATCH TEST)	INITIAL TEST	REPEAT TEST
FILLING MATERIAL USED:	VP45	VP45
Flaming duration:	0.00	0.00
PROGRESSIVE SMOULDERING CRITERIA (9.3)		
Progressive smouldering and/or flaming observed within one hour of the removal of the flame?	NO	NO
Evidence of melting, charring, dripping?	Melting: <input checked="" type="checkbox"/> Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/>	
FLAMING CRITERIA (9.3)		
Flaming continued for more than 120 seconds after the removal of the burner?	NO	NO
Extent of damage from source of ignition (mm)	42 X 9	40 X 8
TEST RESULT	PASS	PASS

CONCLUSION:

The sample supplied **meets** the performance criteria as stated in paragraph 3 of IMO FTP Part 8

END OF REPORT

Get in touch

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